

PUBLIC NOTICE

PERMIT APPLICATION: NRS 05.437

APPLICANT: City of Sevierville
120 Gary Wade Boulevard
Sevierville, Tenn. 37862
865-804-2878

LOCATION: Middle Creek and associated tributaries and wetlands,
Sevier County 35.8663 °N, -83.5535 °W

WATERSHED DESCRIPTION: The project site is located in the Lower French Broad watershed (HUC TN06010107). Middle Creek, in the project area, is assessed as fully supporting its fish and aquatic life classified use. The uses designated for Middle Creek and its unassessed tributaries are fish and aquatic life, livestock watering and wildlife, recreation, and irrigation. The stream channels range from 1' to 15' wide, 1' to 2' deep, and a mixture of cobble, gravel and sediment substrates. The riparian area is a mixture of herbaceous plants, hardwood trees, and herbaceous wetlands.

(Photos of the stream and wetland area are included on the Internet version of this notice at <http://www.state.tn.us/environment/wpc/wpcppo/arap>)

PROJECT DESCRIPTION:

The purpose of the project is to extend the city sewer system. The new gravity sewer line will be 24", 18" and 12" lines to service the Middle Creek area. The construction area is 45 feet wide and will cross Middle Creek at 12 locations, unnamed tributaries or wet weather conveyances at 10 locations and two areas of wetlands (totaling 0.31 acres of wetland disturbance). The Middle Creek crossings will be accomplished by directional boring. The other tributary/conveyance crossings will be installed by open trenching, approximately 5 feet deep and any water present will be cofferdamed and pumped. Within the wetland areas, timber matting or equivalent will be used in equipment work zones, excavated soils will be stock piled into top and sub soils and returned to the trench in the proper orientation. All wetland and stream crossings will be graded to original contours and the wetland areas will be allowed to revegetate. A permanent 25' foot service area will be maintained free of trees and brush. This will affect approximately 0.17 acres of wetland.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

PERMIT COORDINATOR: Juliana W. Kyzar

USGS TOPOGRAPHIC QUADRANGLE: Pigeon Forge Quad 156 SE



Photo 1: Representative crossing spot on Middle Creek (crossing 1, line A)



Photo 2: Representative tributary crossing (Line M, crossing D10)



Photo 3: Representative wetlands impact location (Line M, wetland impact 2)



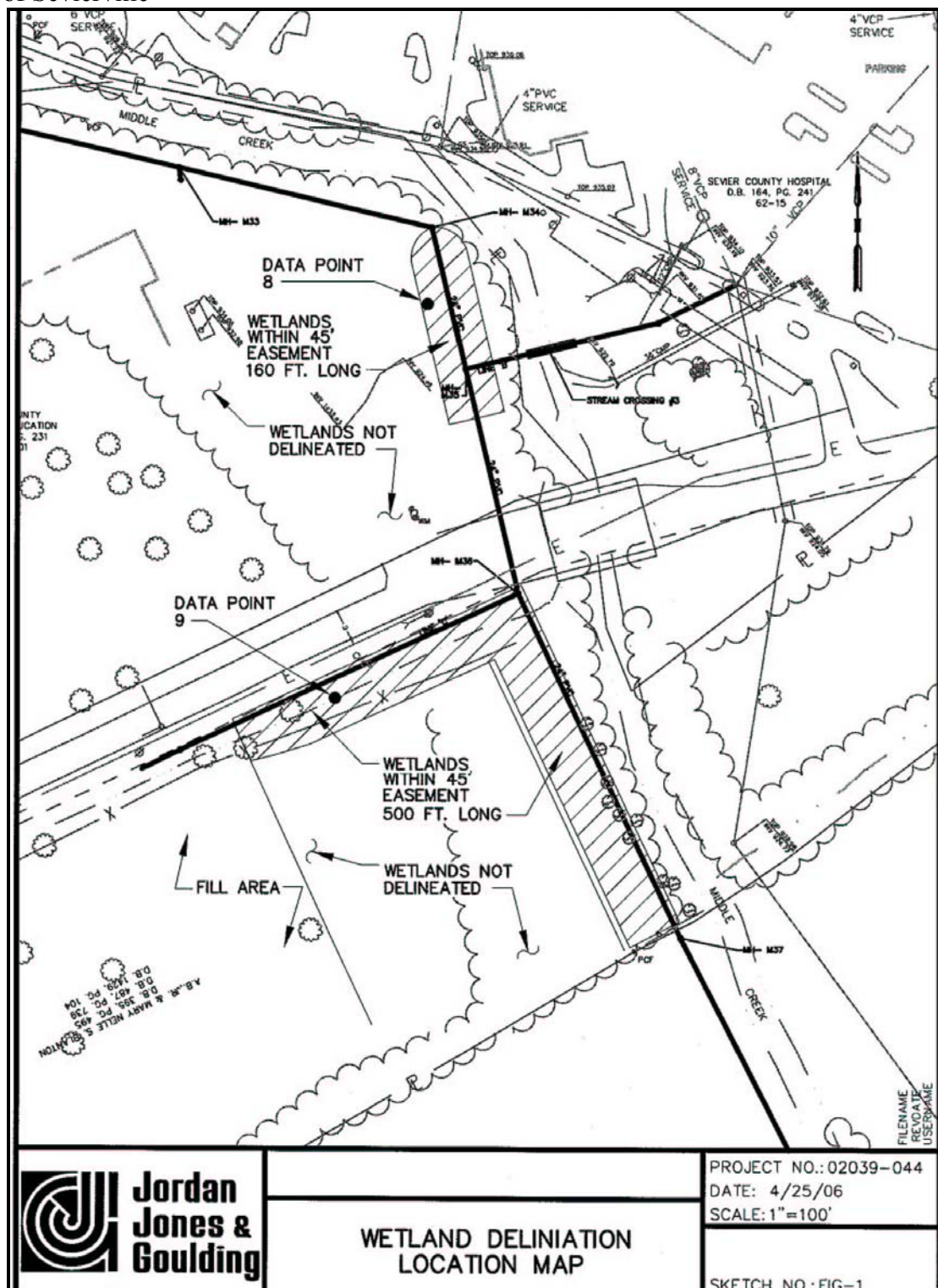


Figure 2: Wetland delineation location map

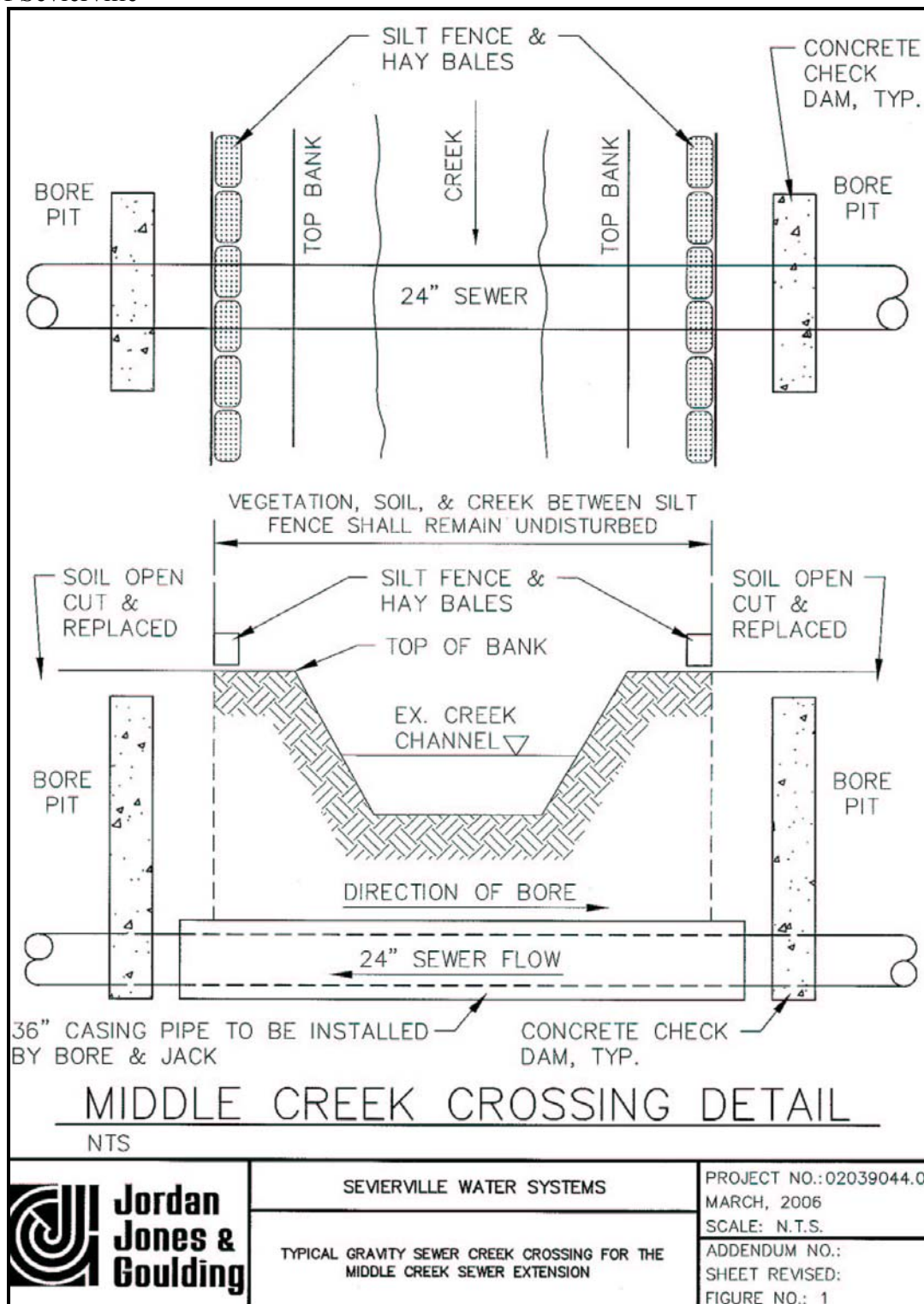


Figure 3: Directional bore detail for the 12 Middle Creek Crossings

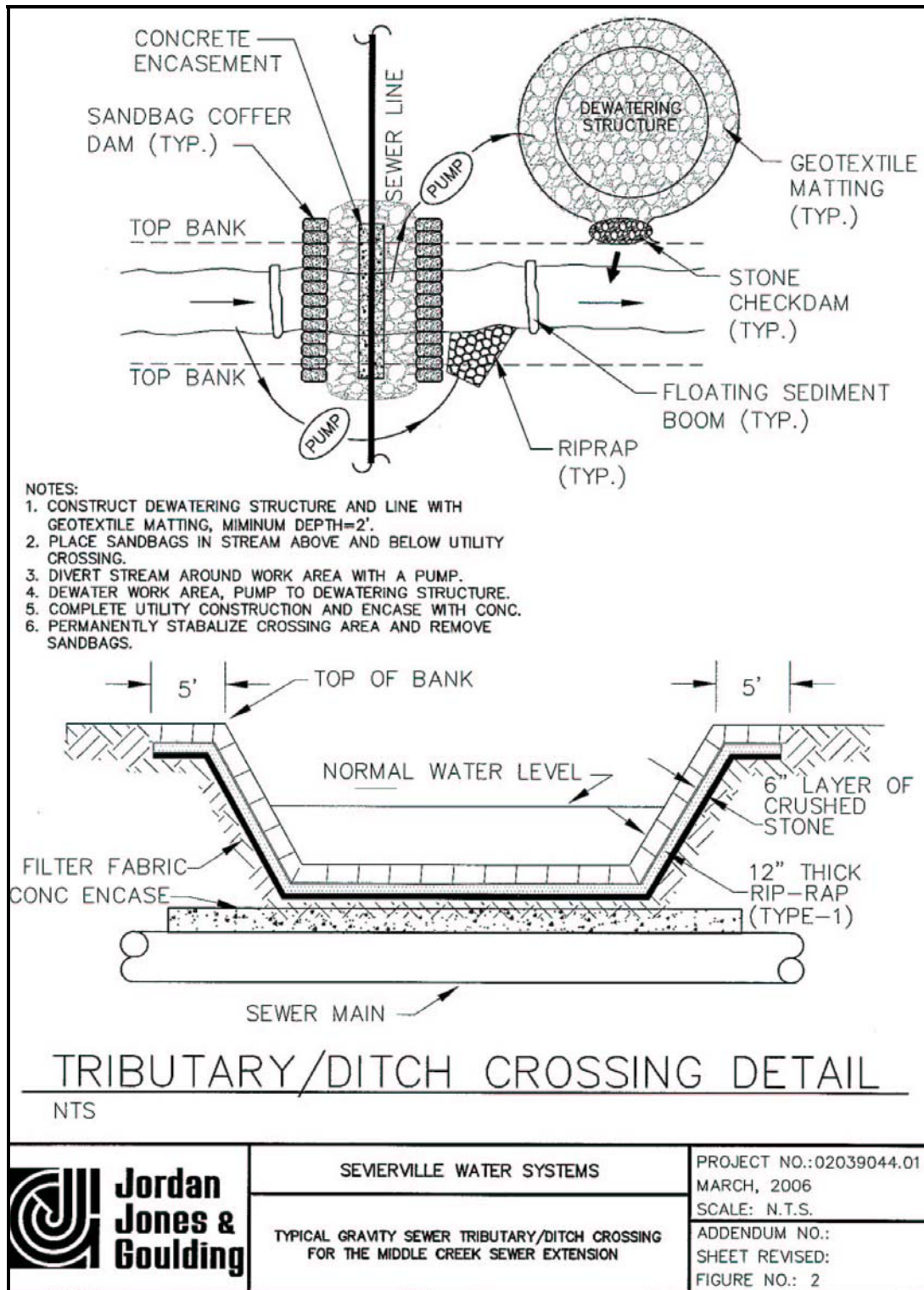


Figure 4: Open cut detail for unnamed tributaries (10 crossings)

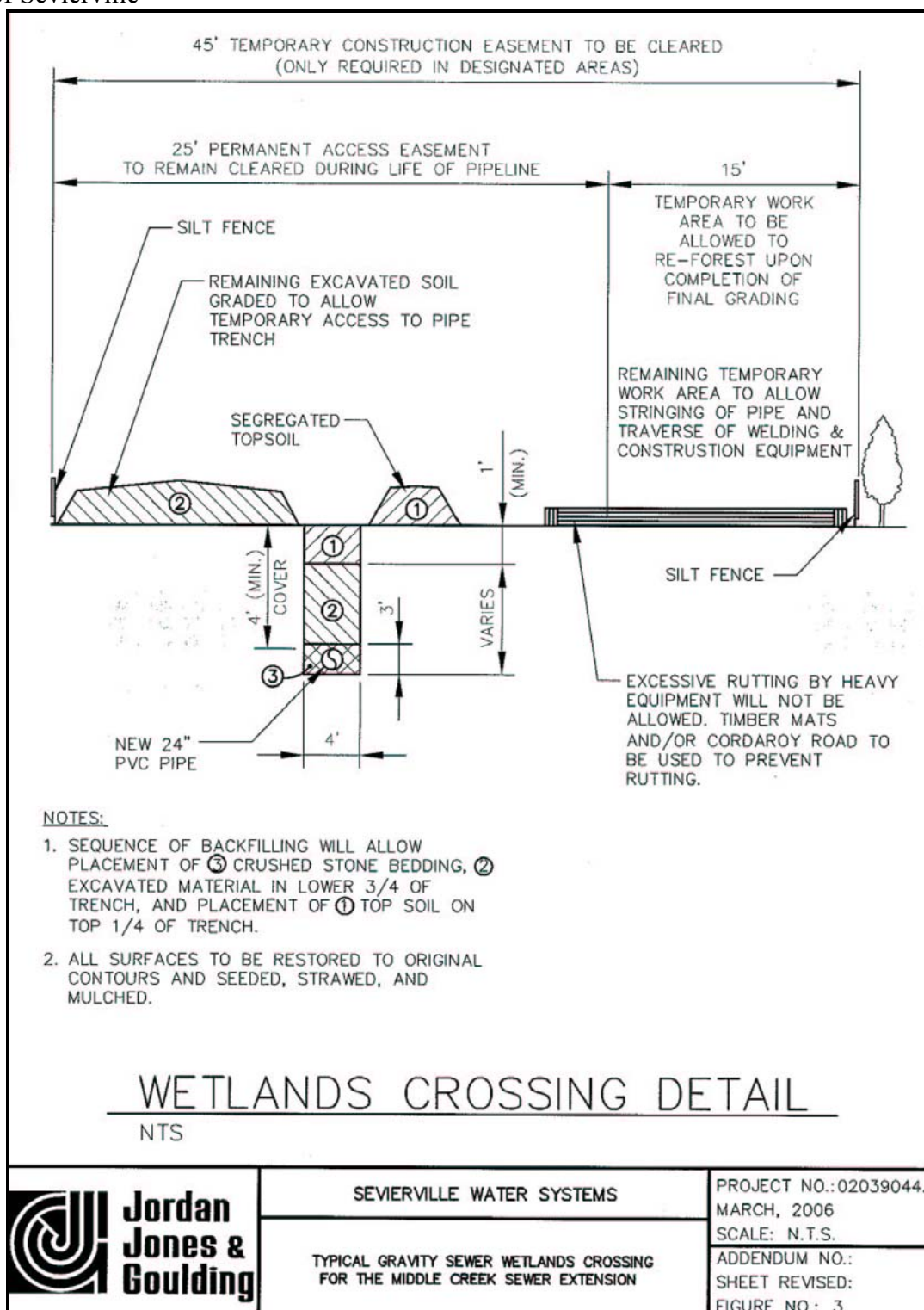


Figure 5: Wetlands crossing detail, two sections of the alignment